KOLUSHOV, N. F.

Veterinary Obstetrics

Improvised phantom and conservation of the fetus. Veterinariia 29 no. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, July 1952. Unclassified.
2

KOLUSHOV, N.P., veterinarnyy vrach.

Concerning Professor V.K. Voskresenskii's method of tracheotomy in animals. Veterinariia 30 no.9:46-47 S '53. (MLRA 6:8)

1. Krasnoslobodskiy zoovetteknikum, Mordovskoy ASSR.

KOLUSHOV,N.P.

(From material received by the Editor on Clinical Practice Reports)

"Casting Cattle" by Veterinarian N.P. KOLUSHOV (Krasnoslobodsk Zooveterinary Technical School, Mordvinian ASSR). Pointing out shortcomings in present methods for cating cattle -- compression of the prepuce and penis in bulls and of the subcutaneous abdominal vein in cows, especially in lactating animals, and the possibility of causing injuries by a quick fall -- the author recommends using for cattle the Russian type casting harness with a firmly attached metal ring. Fasten a buckle to the loop of the harness so the diameter of the lpop may be adjusted. The adjustment of the harness and the cating itself is exactly the same as for working with horses. In this case the animals go down slowly.

"Extraction of Foreign Bodies from the Throats of Cattle" by the same author. After the animal has been cast and securely restrained, one of the assistants exerts pressure on the throat from the side of the esophagus, a second inserts a gag into the mouth of the cow and draws out the tongue so that it lies flat, the third pressed down on the root of the tongue with an obstetrical spatula so the foreign body may be seen. The surgeon, using an obstetrical forceps for small animals, draws out the foreign body. A reflector or a flashlight should be used to light up the throat. Preparation and the operation should be carried out quickly in view of the restlessness of the animal. (Veterinariya,No.7,1952)

SO: [redacted] Report U-5638;10 March 1954;p.26; [redacted] de g

KOLUSHOV, N.P., veterinarnyy vrach.

Urine catheters for horses. Veterinariia 32 no.6:64 Je '55.
(MLRA 8:7)

1.Krasnoslobodskiy zoovettekhnikum Mordovskoy ASSR.
(CATHETERS) (HORSES--DISEASES)

KOLUSHOV, N.P., veterinarnyy vrach.

Treating malignant catarrhal fever in cows. Veterinariia 33 no.7: 69 Jl '56. (MLRA 9:9)

1.Krasnoslobodskiy zooveterinarnyy tekhnikum, Mordovskoy ASSR.
(Cattle--Diseases and pets) (Respiratory organs--Diseases)

RESHETNIKOVA, A.D.; FADEYEVA, M.A.; FILIPPOVA-NUTRIKHINA, Z.L.; YESIKOV, M.S.; KOLUTNOV, M.V.; PUGACHEV, A.G.

Diagnosis of toxoplasmosis in children. Sov.med. 25 no.1:47-50 Ja '62. (MIRA 15:4)

1. Iz kafedry gospital'noy pediatrii II Moskovskogo meditsinskogo instituta (zav. - prof. K.F.Popov) i kafedry detskoy khirurgii (zav. - prof. S.D.Ternovskiy).
(TOXOPLASMOSIS)

KOLUZAYEV, A.D., inzh.; PARSHIN, N.M., inzh.

Mechanization of the process of brightening aluminum ware.
Mekh. i avtom. proizv. 17 no.8:25-26 Ag '63. (MIRA 16:10)

KOLUZAYEV, Arkadiy Mikhaylovich; KAMINSKIY, Ye.A., red.; YEMZHIN, V.V., tekhn. red.

[Repair and servicing of high-speed VAB-2 switches]Remont i obsluzhivanie bystrodeistvuiushchikh vykliuchatelei tipa VAB-2. Moskva, Gosenergoizdat, 1962. 47 p. (Biblioteka elektromontera, no.75) (MIRA 16:2)
(Electric switchgear--Maintenance and repair)

GURVICH, Veniamin Grigor'yevich; KOLUZAYEV, Arkadiy Mikhaylovich; KAMINSKIY, Ye.A., red.

[Repair and operation of high-speed VAB-28 switches] Remont i ekspluatatsiia bystrodeistvuiushchikh vykliuchateley tipa VAB-28. Moskva, Izd-vo "Energiia," 1964. 54 p. (Biblioteka elektromontera, no.117) (MIRA 17:4)

1. SVINTSOV, P. S. Prof., FOMINA, A. Ya., and KOLUZHIN, I. P.

2. USSR (600)

4. Poultry - Diseases

7. Active immunization of chicks up to the 45th day of life against Asiatic fowl cholera. Trudy Vses.inst.eksp.vet. 19 No. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

GNEDENKO, B.V. (Moskva); KOLUZHNINE,L. [Kaloujhnine,L.](Berlin); RAICHEV,R. [translator].

Struggle between materialism and idealism in mathematics. Pt.1. Mat i fiz Bulg 6 no.1&1-9 Ja-F'63.

LYAPIN, P.D.; KOL'VAKH, S.P.

Preventive measures at the Shaartuz focus in 1961. Zdrav.Tadzh. 9 no.3:8-9 My-Je '62. (MIRA 15:8)
(SHAARTUZ--MALARIA--PREVENTION)

KOLVANOVSKIY, V. N.

28580

Uchyeniye I. P. Pavlova I Psikhologiya Sov Pyedagogika, 1949, No. 9, S. 52-63

SO: LETOPIS NO. 38

KOLYA, T.

REQUIREMENTS FOR THE INJECTION SYSTEM OF MODERN DIESEL MOTORS.

P 34. (JARMUVEK MEZOGAZDASAGI GEPEK) Budapest, Hungary Vol. 4 no 1 Apr 1957

SO: Monthly Index of East European Acessions (AEEI) Vol. 6 no 11 November 1957

KOLYA, Tibor

Requirements for the injection system of modern diesel engines.
Jarmu mezo gep 4 no.1:34-43 Ap '57.

KOLYA, Tibor, okleveles gepeszmernok

Subjective examination of the exhaust noise of Diesel motors. Jarmu mezo gep 8 no.1:19-27 Ja '61.

1. Autokozlekedesi Tudomanyos Kutato Intezet tudomanyos munkatarsa.

KOLYADA, A., agronom

Level of agronomical work. Zemledelie 26 no.1:83-85 Ja'64.
(MIRA 17:5)

1. Inspektor-organizator Mal'chevskogo proizvodstvennogo upravleniya Rostovskoy oblasti.

KOLYADA, A. A.

Agricultural Education

Unsolved problems. Sov. agron. 10 no. 5, '52.

9. Monthly List of Russian Accessions, Library of Congress, July 1953, Uncl.

KOLYADA, A. A.

Agriculture - Study and Teaching

Ripe questions. Sov. agron. 11, No. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

KOLYADA, A.A.

More attention to sowing quality. Zemledelie 5 no.6:89 Je '57.
(MLRA 10:8)

1.Glavnyy agronom Man'kovo-Kalitvenskoy Mashinno-traktornoy stantsii, Chertkovskogo rayona Kamenskoy oblasti.
(Sowing)

KOLYADA, A.

To the wide open spaces of collective farms. Nauka i pered. op. v sel'khoz. 8 no.9:65 S '58. (MIRA 11:10)

1. Nachal'nik inspektsii po sel'skomu khozyaystvu Chertkovskogo rayona, Rostovskoy oblasti.
(Agriculture--Experimentation)

L 32795-66 EWT(m)/EWP(v)/T/EWP(t)/ETI/EWP(k) IJP(c) JD/HM/HW
ACC NR: AP6012585 (N) SOURCE CODE: UR/0314/66/000/004/0029/0030

AUTHOR: Medrish, I. N. (Engineer); Bendrik, V. G. (Engineer); Kolyada, A. A. (Engineer); Shaleyeva, V. L. (Technician)

ORG: none

TITLE: Joint welding of tubes made of two-layer metal, steel Kh14N18V2BR plus M3S copper

SOURCE: Khimicheskoye i neftyanoye mashinostroyeniye, no. 4, 1966, 29-30

TOPIC TAGS: welding technology, metal welding, steel, copper, metal joining/ Kh14N18V2BR steel, M3S copper

ABSTRACT: Coil pipe reactors made of high-alloy steels are used frequently in the production of mineral fertilizers. In order to make such coils less brittle, the personnel of the VNIIPTkhimmash designed and built a reactor incorporating welded structures from two-layer tubes with an (outside diameter, 32 mm; walls 7.5 mm thick). The thicker outer layer was made of Kh14N18V2BR steel and the inner lining consisted of M3S copper 1.5 mm thick. These tubes were built by the All-Union Scientific Research Institute of Pipe Industries

Card 1/2 UDC: 621.643.411.4:621.9-419

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000824010018-7

L 32795-66
ACC NR: AP6012585

(Vsesoyuznyy nauchno-issledovatel'skiy institut trubnoy promyshlennosti) using conventional methods. The present note describes in detail the three-step welding process: 1) helium-arc manual welding of copper joints; 2) argon-arc welding of the two halves of a protective ring made of steel; and 3) the final manual welding of the external part of the joint. Orig. art. has: 2 figures.

SUB CODE: 13 / SUBM DATE: none /

Joining of dissimilar metals

Card 2/2

KOMANDIN, A. V.; SHIMIT, B. D.

Dielectric properties of polyhydric alcohols in the liquid state.
Zhur. fiz. khim. 37 no. 3:510-516 Mr '63. (MIRA 17:5)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

BURKATSKIY, A.P., tekhnik; KUCHERENKO, M.G., tekhnik; KOLYADA, F.I., tekhnik

Use of electric insulation on substations located in districts with polluted air. Energetik 10 no.3:26 Mr '62. (MIRA 15:2)
(Electric insulators and insulation)
(Electric substations)

KOLYADA, F.Ye.

Liver function tests in syphilitic patients treated by reinforced method. Vest.vener. no.2:27-28 Mr-Ap '50. (CLML 19:3)

1. Of the Clinic for Skin and Venereal Diseases (Head -- Prof. A.I. Kartamyshev), Kiev Order of the Red Banner of Labor Medical Institute imeni Academician A.A.Bogomolets.

KOLYADA, F. Ye
CA

/ G

Significance of residual carbon in the blood of patients with eczema, pyodermy, and psoriasis. F. E. Kolyada (Bogomolets Med. Inst., Kiev). *Vestnik Venerol. i Dermatol.* 1950, No. 3, 20–2.—The residual C (i.e., C left after pptn. of proteins) expressed in ml. $K_2Cr_2O_7$ soln. necessary for its oxidation (per ml. of fluid) is 0.43–0.63 in healthy subjects. It rises (0.47–0.78) in eczema, but not much (0.44–0.66) in psoriasis, and (0.47–0.64) in pyodermy. As a result, the accumulation of incompletely oxidized products retards normal oxidation processes.

G. M. Kosolapoff

Clinic for Skin & Venereal Diseases

KOLYADA, F. Ye.

KOLYADA, F.Ye.; RVACHEVA, V.P.

Case of syphilitic aortic aneurysm which opened into the left pleural cavity. Vest.ven.i derm. no.2:58-59 Mr-Ap '54. (MLRA 7:4)

1. Iz Kiyevskogo dermato-venerologicheskogo instituta.
(Syphilis) (Aortic aneurysms)

BARDIN, I.; BELAN, R.; BEKETIN, N.; BOYKO, V.; BORISOV, A.; BYCHKOV, V.; VASILENKO, S.; VINOGRADOV, V.; VISHNEVSKIY, A.; VODNEV, G.; DVORIN, S.; DZHAPARIDZE, Ye.; DIDENKO, V.; D'YAKONOV, N.; ZHURAVLEV, S.; ZAKHAROV, A.; IVANOV, I.; KIBSANOV, M.; KOLYADA, G.; KOROBOV, P.; LESKOV, A.; LUKICH, L.; LYUBIMOV, A.; MELESHKIN, S.; MYRTSYMOV, A.; PERTSEV, M.; PETRUSHA, F.; PITERSKIY, A.; POPOV, I.; RAYZER, D.; ROZHKOV, A.; SAPOZHNIKOV, L.; SEDOY, P.; SOKOLOV, P.; TEVOSYAN, I.; TIKHONOV, N.; TISHCHENKO, S.; FILIPPOV, B.; FOMENKO, N.; SHELKOV, A.; SHERMET'YEV, A.

Fedor Aleksandrovich Merkulov. Koks i khim.no.7:62 '56. (MLRA 9:12)
(Merkulov, Fedor Aleksandrovich, 1900-1956)

KOLYADA, G.I., inzhener.

On the effective use and rate of construction of automatic control and telemechanical systems. Zhel. dor. transp. 38 no.9:72-76 S '56. (MLRA 9:10)

(Railroads--Signaling)

KOLYADA, G. I.

KAPUSTINA, Irina Andrianovna; KUL'TIN, Boris Ivanovich; MARUSHKO, Fedor Ivanovich; KOLYADA, G.I., redaktor; BOBROVA, Ye.N., tekhnicheskiy redaktor

[Experience in servicing automatic train control equipment] Opyt obsluzhivaniia ustroistv marshrutno-releinoi tsentralizatsii. Moskva, Gos. transp. zhel-dor. izd-vo, 1957. 44 p. (MIRA 10:4)
(Railroads--Automatic train control)

KOLYADA, G.I., insh.

Shock absorbers for signaling relays. Avtom., telem. i sviaz' 2 no.3:19-20 Mr '58. (MIRA 13:1)

1.Nachal'nik otdela spetsializatsii, tsentralizatsii i blokirovki Glavnogo upravleniya signalizatsii i svyazi Ministerstva putey soobshcheniya.

(Electric relays) (Railroads--Signaling)

KOLYADA, G.I.

Inspection and repair of the high voltage line in an automatic block system. Avtom., telem.i sviaz 2 no.4:21-23 Ap '58.
(MIRA 12:12)

1. Nachal'nik otdela Spetsial'nogo tsentral'nogo byuro Glavnogo upravleniya signalizatsii i svyazi.
(Electric lines--Maintenance and repair)
(Railroads--Signaling--Block system)

ZHIL'TSOV, Petr Nikolayevich, inzh.; KOLYADA, Grigoriy Ivanovich, inzh.; PENKIN, N.F., kand.tekhn.nauk, red.; MARENKOVA, O.I., inzh., red.; BOBROVA, Ye.N., tekhn.red.

[Manual for electricians of dispatcher controlled signal systems] Rukovodstvo elektromekhaniku i monteru dispetcherskoi tsentralizatsii. Moskva, Gos.transp.zhel-dor.izd-vo, 1959. 282 p. (MIRA 12:12)

(Railroads--Electric equipment)

KOLYADA, G.I.

All signaling devices should meet the specifications of the "Technical operation rules." Avtom. telem. i sviaz' 3 no.11:4-5 N '59 (MIRA 13:3)

1. Nachal'nik otdela signalizatsii, tsentralizatsii i blokirovki Glavnogo upravleniya signalizatsii i svyazi Ministerstva putey soobshcheniya.
(Railroads--Signaling)

KOLYADA, G.I., inzh.; ANTONYUK, I.D., inzh.

New rules ensuring safety for traffic. Avtom.telem. i sviaz' 3 no.12:3-5 D '59. (MIRA 13:4)
(Railroads--Traffic)

KANTOR, V.B., inzh.; KOLYADA, G.I., inzh.

Approval has been given for the use of graphite grease for the lubrication of rail bonds. Put' i put.khoz. no.11: 12-13 N '59. (MIRA 13:4)

1. Nachal'nik tekhnicheskogo otdela Glavnogo upravleniya puti i sooruzheniy (for Kantor). 2. Nachal'nik otdela signalizatsii, tsentralizatsii i blokirovki Glavnogo upravleniya signalizatsii i svyazi (for Kolyada).
(Electric railroads—Rails) (Graphite)
(Lubrication and lubricants)

KOLYADA, G.I., inzh.

Development of the means for railroad automation and remote control. Zhel.dor.transp. 41 no.12:53-56 D '59.
(MIRA 13:4)

(Railroads—Signalling) (Automation)

ZHIL'TSOV, Petr Nikolayevich; KOLYADA, Grigoriy Ivanovich; GAMBURG, Ye.Yu., inzh., red.; MARENKOVA, G.I., inzh., red.; BOBROVA, Ye.N., tekhn.red.

[Concise manual on signaling, interlocking and block systems] Kratkii spravochnik po signalizatsii, tsentralizatsii i blokirovke. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 137 p. (MIRA 14:7)

(Railroads--Signaling)

KOLYADA, G.I.

New rules for the proper maintenance of signaling devices. Avtom., telem.i sviaz' 4 no.1:4-5 F '60. (MIRA 13:6)

1. Nachal'nik otdela spetsializatsii, tsentralizatsii i blokirovki Glavnogo upravleniya signalizatsii i svyazi Ministerstva putey soobshcheniya.

(Railroads--Signaling)

KOLYADA, G.; MAZUR, A.; SINYAGOVSKIY, A. (Shostka, Sumskaya oblast')

Easy to understand and to visualize... Pozh.delo 6 no.6:24 Je '60. (MIRA 13:7)

1. Zamestitel' nachal'nika pozharnogo otryada, Makeyevka, Stalinskaya oblast' (for Klyada). 2. Nachal'nik pozharnoy chasti, L'vov (for Mazur).

(Fire prevention--Study and teaching)
(Visual aids)

KOLYADA, G.I., inzh.

Harmful haste. Avtom.telem. i sviaz' 4 no.11:43-44 N '60.
(MIRA 13:11)
(Railroads--Signaling--Interlocking systems)

KOLYADA, G.I., inzh.

At the Kzyl-Orda division. Avtom., telem. i sviaz' 5 no.4:40 Ap '61. (MIRA 14:6)

(Kzyl-Orda Province--Railroads--Signaling)

NASTENKO, P.M., kand.tekhn.nauk; KOLYADA, G.I. [Koliada, H.I.]

Machines for continuous potato digging. Mekh. sil'. hosp. 13 no.9:11-13 S '62. (MIRA 17:3)

1. Starshiy inzh. upravleniya vnedreniya novoy tekhniki respublikanskogo ob"yedineniya "Ukrsil'gosptekhnika".

KOLYADA, G.I.

Further tasks in the mechanization and automation of calculation operations. Zhel.dor.transp. 44 no.4:42-45 Ap '62. (MIRA 15:4)

1. Nachal'nik tresta "Transorgmashuchet" Ministerstva putey soobshcheniya.
(Electronic calculating machines) (Railroads--Management)

KOLYADA, G.I.

Computers for engineering calculations. Avtom., telem. i sviaz' 7 no.2:45-47 F '63. (MIRA 16:3)

1. Nachal'nik Gosudarstvennogo tresta po organizatsii mekhanizirovannogo ucheta Ministerstva putey soobshcheniya SSSR.
(Railroads—Electronic equipment)

KOLYADA, G.I., inzh.

The ATT-2 fertilizer-distributing device. Mashinostroenie no.5: 105-106 S-O '63. (MIRA 16:12)

KOLYADA, G.I., inzh.

The AAP-0,5 "Mikron" aerosol pulsating device. Mashinostroenie no. 4:102-104 Jl-Ag '63. (MIRA 17:2)

1. Ukrsel'khoztekhnika.

KOLYADA, G.I., inzh.

The KPIA-100 mounted tractor trench digger. Mashinostroenie no.6: 86-87 N-D '63. (MIRA 16:12)

KOLYADA, G.I., inzh.

New machines for chemical protection of plants. Mashinostroenie no.3:63-66 My-Je '64. (MIRA 17:11)

NARTSISHKO, N.Yu., inzh.; KOLYADA, G.I., inzh.

Unit for injecting anhydrous ammonium in soil. Mashinostroenie no.1:98 Ja-F '65. (MIRA 18:4)

KOLYADA, G.I.

Improving the efficiency of accounting mechanization and automation. Zhel. dor. transp. 47 no.7:69-72 Jl '65. (MIRA 18:7)

1. Nachal'nik tresta "Transorgmashuchet".

KOLYADA, G.N.

Efficient preparation of cars for loading. Znel. dor. transp. 47 no.3:42-44 Mr '65. (MIRA 18:5)

1. Zamestitel' nachal'nika Konotopskogo otdeleniya Yugo-Zapadnoy dorogi.

KOLYADA, I.

Our experience with business accounting on the collective farm.
Vop. ekon. no.11:146-149 N '57. (MIRA 11:2)

1. Predsedatel' kolkhoza "Zhovten'," Vyshedubechanskogo rayona, Kiyevskoy oblasti.
(Collective farms--Accounting)

KIVIN, I.

Gogol', Nikolay Vasil'yevich, 1809-1952.

With the fellow countrymen of a great Russian writer. V pom.profaktivu 13, No. 4, 1952.

Monthly List of Russian Accessions, Library of Congress, March 1952. Unclassified.

KOLYADA, I., podpolkovnik; DOLODONOV, S., podpolkovnik

Guard protective material. Voen. vest. 41 no.4:66 Ap '62.
(MIRA 15:4)

(Chemical warfare--Safety measures)

ORLOVSKIY, A.; IZMAYLOVA, L.; KOLYADA, I.; KOROVKIN, M.

Semitrailer with a hydraulic drive for the steering of wheels. Avt.transp. 40 no.3:33-34 Mr '62. (MIRA 15:2)
(Truck trailers)

S/018/63/000/002/001/001
A004/A126

AUTHORS: Kolyada, I., Dolodonov, S., Lieutenant-Colonels

TITLE: Efficient protection from radioactive substances and toxic agents

PERIODICAL: Voyennyy vestnik, no. 2, 1963, 54 - 55

TEXT: The authors describe ways and means for an efficient protection from radioactive substances, toxic agents and war gas in winter. They point out that after snow-fall and by snow-storms radioactive fallout may be carried by snow and storm to areas where a contamination was not to be expected, and that radiation monitors do not operate accurately at low temperatures. They enumerate the various measures and monitoring methods that are to be applied by the radiation detection teams, and describe the behavior and protective clothing and means of an attacking battalion in a contaminated zone, as well as the various disinfection measures to be taken to make sure that all radioactive substance and toxic agents are removed.

Card 1/1

KOLYADA, I., podpolkovnik; DOLODONOV, S., podpolkovnik

Skillfully protect yourself from radioactive substances and war gases. Voen. vest 42 no.2:54-55 F '63. (MIRA 17:2)

KOLYADA, I.A.

Compensating quantitative indicator for gas leaks. Gaz.prom. 4 no.9:34-35 S '59. (MIRA 12:11)
(Gas meters)

KOLYADA, I. A.

Tekhnika bezopasnosti v gazovom khoziaistve zavoda /Safety technique in handling gas in a plant/. Izd. 2-e, ispr. i dop. Kiev, Mashgiz, 1952. 127 p.

SO: Monthly List of Russian Accessions, Vol 6 No 6 September 1953

PHASE I BOOK EXPLOITATION SOV/5629

Kolyada, Ivan Alekseyevich, and Petr Maksimovich Gofman-Zakharov

Germetichnost' gazoprovodov i opredeleniye utechki gaza (Airtightness of Gas Pipelines and Detection of Gas Leaks) Moscow, Gostoptekhizdat, 1960. 68 p. 6,100 copies printed.

Chief Ed.: V. N. Sidorov; Tech. Ed.: A. S. Polosina.

PURPOSE: This booklet is intended for engineers and technicians concerned with the planning, construction, and operation of municipal and industrial gas supply systems.

COVERAGE: The booklet deals with gas losses in municipal and industrial gas supply systems and methods for minimizing them. Quantitative and qualitative methods for determining gas leaks and nomograms for estimating gas escape are discussed in detail. Soviet instruments for determining leaks are also covered. Among these are the MakNII (Makayevka State Scientific Research Institute of Industrial Safety in Mining) gas detectors, the gas signalling apparatus of P. A. Kuz'min's system, the PGF-11 portable gas analyzer of Engineer Faynberg's system, the automatic methane indicators IM-2 and IM-3

Card 1/3

manufactured at the Khar'kov "Krasnyy metallist" Plant, the LIOT diffusion indicator designed by the Leningradskiy institut okhrany truda (Leningrad Institute of Industrial Hygiene), and the gas flowmeters designed by the Institut ispol'zovaniya gaza (Institute of Gas Utilization), Academy of Sciences UkrSSR. No personalities are mentioned. There are 7 references, all Soviet.

TABLE OF CONTENTS:

NECHAYEV, Mikhail Aleksandrovich. Prinimal uchastiye MITROFANOV, I.A., inzh.; ZUBAREV, S.A., retsenzent; LEVIN, A.M., retsenzent; SIGAL, I.Ya., retsenzeng; KOLYADA, I.A., retsenzent; STOLPNER, Ye.B., nauchnyy red.; FEDOTOVA, M.I., ved. red.; SAFRONOVA, I.M., tekhn. red.

[Safety measures in the transportation, distribution, and use of gas fuel] Tekhnika bezopasnosti pri transportirovke, raspredelenii i ispol'zovanii gazovogo topliva. Izd.3., perer. i dop. Leningrad, Gostoptekhizdat, 1962. 299 p. (MIRA 15:4)

(Gas as fuel—Safety measures)

5C

L 24409-66 EWT(1)/EWA(h)/ETC(m)-6 WW

ACC NR: AP6006369 SOURCE CODE: UR/0413/66/000/002/0100/0100

AUTHORS: Chernoval, V. S.; Shcherba, N. U.; Frolin, N. V.; Dashevskiy, L. N.; Kolyada, I. A.; Gudrit, Ye. R.; Fediv, V. A.; Ivanovskiy, E. N.; Mazur, P. A.; Yaskevich, L. Ye.

55
B

ORG: none

TITLE: Streamline flow meter. 25 Class 42, No. 178125 [announced by Gas Institute, AN UkrSSR (Institut gaza AN UkrSSR)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1966, 100

TOPIC TAGS: flow meter, streamline flow

ABSTRACT: This Author Certificate presents a streamline flow meter containing a sensing element in the form of a pivoted vane and jet rectifiers mounted in front of and behind the vane (see Fig. 1). To decrease vibrations, the pivoted vane has a bend in the side opposite the flow direction. A plate whose center of gravity is displaced toward the free end of the vane is hinged to the vane. There is also a bypass tube connecting the front and back of the vane.

Card 1/2 UDC: 532.574.27

L 24409-66
ACC NR: AP6006369

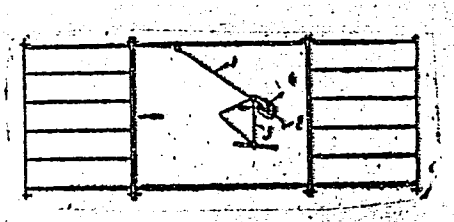

Fig. 1. 1 - pivoted vane; 2 - bend of vane; 3 - plate; 4 - bypass tube.

Orig. art. has: 1 diagram.

SUB CODE: 14/ SUBM DATE: 12Feb65

Card 2/2 dda

KOLYADA, Ivan Mitrofanovich; FRIDNER,A.,red.; MOLCHANOVA,T., tekhn. red.

[Through sunny Odessa; a concise guidebook] Po solnechnoi Odesse; kratkii putevoditel'. Odessa, Odesskoe knizhnoe izd-vo, 1963. 127 p. (MIRA 16:10)

(Odessa--Guidebooks)

SOV/137-59-3-6380

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 3, p 207 (USSR)

AUTHORS: Pelikh, V. N., Mladova, A. A., Shul'te, G. Yu., Kolyada, M. F.

TITLE: Quality Control of Malleable Iron
(Kontrol' kachestva kovkogo chuguna)

PERIODICAL: Tekhn.-ekon. byul. Sovnarkhoz Zaporozhsk. ekon. adm. r-na, 1958, Nr 3, pp 50-51

ABSTRACT: The mechanical properties of malleable iron are to a considerable degree determined by its chemical composition. The summary C and Si content, the other elements being stable, has a decisive influence on the structure of the metal. Being fairly time-consuming, the method of determining the C and Si content in the iron by chemical analysis was not adequate to ensure timely adjustment of the metal prior to casting it into molds. Instead, a high-speed inspection method utilizing production samples is employed. The samples are withdrawn at 30-minute intervals throughout the entire smelting operation. Bars, 50 mm in diameter and 200 mm long, are cast in sand molds where they are allowed to cool for 10 minutes; they are then immersed in water and broken into two approximately equal

Quality Control of Malleable Iron

sections. The character of the fracture may serve in judging the summary C and Si content. A relationship was established between the appearance of the fracture in a cast production sample and the chemical composition, the microstructure, and the mechanical properties of the metal.

A. S.

KOLYADA, M. P.

PHASE I BOOK EXPLOITATION SOV/6259

[illegible], Ivan Mikhaylovich, Faina Fedorovna Sinitsyna, Mark [illegible] Filippov, and Mikhail Pantelyevich [illegible]

[illegible]radiatsionnyye porazheniya i ikh lecheniye (Acute Radiation Diseases and Their Treatment) Kiyev, Medgiz Ukrainy, [illegible] p. (Series: Biblioteka prakticheskogo vracha) [illegible] copies printed.

Ed. N. I. Konstantinov; Tech. Ed.: L. A. Zapol'skaya.

PURPOSE: The book is intended for physicians in all specialities and for students of advanced courses at medical institutes.

COVERAGE: The book describes methods of treating severe radiation injuries, the treatment of patients with radiation sickness, and the pathological changes occurring in the organism in the course of radiation sickness. Classification, diagnosis, and evacuation of casualties from areas of massive destruction and the organization of dosimetric control among the personnel and

Card 1/5

KOLYADA, M. S.

32484. Povrezhdeniya derevyannogo truboprovoda. Gidrotekhn. stroit-vo, 1949, No. 10, s. 23-25.

SO: Letopis' Zhurnal'nykh Statey, Vol. 50, Moskva, 1949

KOLYADA, N.

Prevent accidents on ice. Voen.znan. 34 no.12:30 D '58.
(MIRA 12:2)

1. Nachal'nik spasatel'noy sluzhby Moskovskogo gorodskogo komiteta Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu.

(Rescue work) (Ice on rivers, lakes, etc.)

KOLYADA, N.

KOLYADA, N. (g.Kiviyli, Estonskaya SSR)

Our fire-prevention committee. Pozh.delo 3 no.10:11 O '57.
(MIRA 10:11)

(Estonia--Lignite)

ANASHKIN, I.A., kapitan 1 ranga; BARABOLYA, P.D., polkovnik yuridicheskoy sluzhby; VOLKOV, A.S., inzh.-kapitan 1 ranga; VOROB'YEV, A.P., kapitan 1 ranga; VASIL'YEV, I.V., kapitan 1 ranga zapasa; V'YUNENKO, N.P., kand.voyenno-morskikh nauk, kapitan 1 ranga; GENKIN, A.L., dotsent, kand.tekhn.nauk, inzhener-kontr-admiral; YEREMENKO, B.Ya., kapitan 1 ranga; ZVEREV, B.I., kand.istor.nauk, mayor; KAZANKOV, A.A., kapitan 1 ranga; KOZIN, K.K., kapitan 1 ranga zapasa; KOLYADA, N.I., kapitan 1 ranga zapasa; KULINICH, D.D., inzh.-kapitan 1 ranga; LOBACH-ZHUCHENKO, M.B., dotsent, inzhener-kapitan 2 ranga zapasa; MASHAROV, A.I., polkovnik zapasa; MYASISHCHEV, V.I., inzhener kontr-admiral; PETROV, L.G., kapitan 1 ranga v otstavke; PROKOF'YEV, V.M., kapitan 1 ranga; POZNAKHIRKO, A.S., kapitan 1 ranga zapasa;

(Continued on next card)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000824010018-7"

ANASHKIN, I.A.---(continued) Card 2.
PYASKOVSKIY, G.M., polkovnik; SINITSYN, N.I., polkovnik. Prinimali uchastiye: ANDREYEV, V.V., kapitan 1 ranga; IVANOV, V.P., inzhener-kapitan 2 ranga; CHERNOUS'KO, L.D., inzhener-kapitan 1 ranga; SHIKANOV, Ye.P., inzhener-kapitan 2 ranga. FADEYEV, V.G., vitse-admiral zapasa, glavnyy red.; GERNGROSS, V.M., kapitan 1 ranga zapasa, red.; STAROV, N.N., kapitan 1 ranga v otstavke, red.; SOKOLOVA, G.F., tekhn.red.

[Marine dictionary] Morskoi slovar'. Moskva, Voen.izd-vo M-va obor. SSSR. Vol.2. O - IA. 1959. 440 p. (MIRA 12:12)
(Naval art and science--Dictionaries)
(Merchant marine--Dictionaries)

AUTHORS: Klygin, A. Ye., Kolyada, N. S. SOV/78-3-12-26/36

TITLE: Investigation of the System Uranyl Nitrate - 8-Oxyquinoline - Water by the Solubility Method (Izucheniye sistemy uranil-nitrat - 8-oksikhinolin - voda metodom rastvorimosti)

PERIODICAL: Zhurnal neorganicheskoy khimii, 1958, Vol 3, Nr 12, pp 2767-2770 (USSR)

ABSTRACT: The dissociation constants of 8-oxyquinoline and the solubility of uranyl 8-oxyquinoline were investigated. The solubility of 8-oxyquinoline is dependent upon the pH value for the solution. It increases with a decrease in the pH of the solution. For the dissociation constants K_1 and K_2 the following values were found:

$$K_1 = \frac{[H^+]\,[HR]}{[H_2R^+]} = 8.66.10^{-6} \text{ and } K_2 = \frac{[H^+]\,[R^-]}{[HR]} = 1.76.10^{-10}$$

The average value for the concentration of the undissociated molecules of 8-oxyquinoline is $4.46.10^{-3}$ moles/l. The solubility product for uranyl 8-oxyquinoline ($UO_2R_2.HR$) was found by determining the solubility in solutions of varying pH values. P was found to have the following values at 25°C:

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Investigation of the System Uranyl Nitrate - 8-Oxyquinoline - Water by the Solubility Method SOV/78-3-12-26/36

$$P = \left[UO_2^{2+}\right]\left[R^-\right]^2\left[HR\right] = (1.9\pm0.5)\cdot10^{-29}$$

There are 2 tables and 9 references, 7 of which are Soviet.

SUBMITTED: September 5, 1957

Card 2/2

5(4), 21(1) SOV/78-4-1-45/48

AUTHORS: Klygin, A. Ye., Kolyada, N. S.

TITLE: The Examination of the System UO_2SO_3-$(NH_4)_2SO_3$-H_2O by the Solubility Method (Issledovaniye sistemy UO_2SO_3-$(NH_4)_2SO_3$-H_2O metodom rastvorimosti)

PERIODICAL: Zhurnal neorganicheskoy khimii, 1959, Vol 4, Nr 1, pp 239-242 (USSR)

ABSTRACT: The solution products of UO_2SO_3 and the composition and stability constant of the complex compound which is formed from the interaction of uranyl sulfite and ammonium sulfite solution was investigated. The production of uranyl sulfite was carried out by the method of Kohlschuetter (Ref 1). Thermograms were plotted with the uranyl sulfite produced ($UO_2SO_3.4.5H_2O$).

The thermogram shows three endothermic effects: in the temperature ranges from 50 to 90°, 105 to 135°, and 170 to 210°C. An exothermic effect appears at 210-320°C. The solubility isotherm of the system UO_2SO_3-$(NH_4)_2SO_3$-H_2O was examined at 25°.

It can be seen from the results that the solubility of UO_2SO_3

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The Examination of the System UO_2SO_3-$(NH_4)_2SO_3$-H_2O by the Solubility Method

in ammonium sulfite solutions decreases with an increase of the concentration of ammonium sulfite and reaches a minimum with a concentration of ammonium sulfite of $6.24.10^{-2}$ mol/l. The solubility increases with higher concentrations of ammonium sulfite and complex formation takes place. The solubility product is $P = \left[UO_2^{2+}\right]\left[SO_3^{2-}\right] = 2.56.10^{-9}$. The mean value of the stability constant is

$$K_H = \frac{\left[UO_2^{2+}\right]\left[SO_3^{2-}\right]^2}{\left[UO_2(SO_3)_2^{2-}\right]} = 7.92.10^{-8}.$$

The thermogram was plotted by Ye. F. Goryunov with the aid of the N. S. Kurnakov pyrometer. There are 1 figure, 2 tables, and 8 references, 4 of which are Soviet.

SUBMITTED: April 7, 1958

Card 2/2

69544

S/078/60/005/05/32/037
B004/B016

5.2200(A)

AUTHORS: Klygin, A. Ye., Kolyada, N. S.

TITLE: Uranyl Thiosulfate

PERIODICAL: Zhurnal neorganicheskoy khimii, 1960, Vol. 5, No. 5, pp. 1170 - 1171

TEXT: It was the purpose of the present paper to clarify whether uranium forms complex compounds with thiosulfates, to which the analytical rapid method according to K. B. Yatsimirskiy and Ye. N. Roslyakova (Ref. 1) would be applicable. They determined the solubility in the system $UO_2S_2O_3$ - $Na_2S_2O_3$ - H_2O at 25°. The dissolved uranium was determined volumetrically, the uranium in the solid phase gravimetrically, the thiosulfate always iodometrically. The pH was measured on a PPTV-1 potentiometer and an LU-2 tube amplifier. The results are presented in table 1. The solid phase always consisted of $UO_2S_2O_3 \cdot H_2O$. No complex compounds are formed. The solubility product of uranyl thiosulfate was found to be $(3.83 \pm 0.27) \cdot 10^{-4}$. There are 1 table and 5 references, 4 of which are Soviet.

SUBMITTED: July 6, 1959

Card 1/1

S/078/61/006/001/012/019
B017/B054

AUTHORS: Klygin, A. Ye., Kolyada, N. S.

TITLE: Study of the Reaction of Uranyl With Copperon by Spectrophotometry and Solubility Determinations

PERIODICAL: Zhurnal neorganicheskoy khimii, 1961, Vol. 6, No. 1, pp. 216 - 221

TEXT: The authors studied the composition and the formation constant of uranyl copperonates and the solubility product of ammonium uranyl copperonate. Investigations were made on an СФ-4 (SF-4) spectrophotometer. The pH value of solutions was measured by a ППТВ-1 (PPTV-1) potentiometer. The spectrophotometric studies showed that in the system UO_2Cl_2 - $C_6H_5N_2O_2H$ - H_2O soluble uranyl copperonate $UO_2(C_6H_5N_2O_2)_2$ is formed which has a formation constant $K_o = (1.1 \pm 0.5)\cdot 10^{11}$. Fig.1 shows the optical density as a function of the wavelength of solutions of uranyl chloride, copperon, and their reaction products. Complex $UO_2(C_6H_5N_2O_2)_2$ was

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found by determining the optical density at 370 mμ. Fig.3 shows the optical density as a function of the pH value of the solution. Complex formation and stoichiometric coefficients were determined by the method of I. I. Ostromyslenskiy (Ref.4) and N. P. Komar' (Ref.5). Table 1 gives data for calculating the molar absorption coefficient of compound $UO_2(C_6H_5N_2O_2)_2$ at pH = 4.9 and 370 mμ. Table 2 gives data and results of calculation of the formation constant of uranyl copperonate at 25°C. On addition of excess copperonate, the uranyl copperonate is transformed into difficultly soluble ammonium uranyl copperonate of the composition $NH_4UO_2(C_6H_5N_2O_2)_3$ and the solubility product $P = [NH_4^+][UO_2(C_6H_5N_2O_2)_2][C_6H_5N_2O_2^-] = (5.8 \pm 2.5)\cdot 10^{-10}$. Table 3 gives experimental data and results of calculation of the solubility product of ammonium uranyl copperonate at 25°C. The solubility of ammonium uranyl copperonate depends on the pH value of the solution. Quantitative precipitation of uranium as ammonium uranyl copperonate is achieved in a pH range between 4 and 7. There are 3 figures, 4 tables, and 11 references: 9 Soviet and 1 Czechoslovakian.

SUBMITTED: October 2, 1959

Card 2/2

88585

S/075/61/016/001/018/019
B013/B055

21.3000

AUTHORS: Klygin, A. Ye., Nikol'skaya, N. A., Kolyada, N. S., and Zavrazhnova, D. M.

TITLE: Complexonometric Determination of Tetravalent Uranium Using Arsenazo I as Indicator

PERIODICAL: Zhurnal analiticheskoy khimii, 1961, Vol. 16, No. 1, pp. 110-112

TEXT: This brief communication describes a method suggested for determining uranium(IV) by titration with Complexone III which does not require removal of excess reducing agent. The minimum pH at which complexonometric titration of $5 \cdot 10^{-4}$ M solutions of uranium(IV) can be performed with an accuracy of up to 0.1% was calculated at $pH_{min} = 1.15$, using the equation by K. B. Yatsimirskiy (Ref. 1). Arsenazo I was chosen as indicator for optical end-point determination. Arsenazo I forms a blue compound with uranium(IV). Compound formation is a maximum between pH 1.7 and 0.1. At a pH outside this range, values obtained for uranium are low. Reduction of

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Complexonometric Determination of Tetravalent Uranium Using Arsenazo I as Indicator

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B013/B055

uranyl salts to uranium(IV) can be effected with sodium acid sulfite, or, preferably, with formamidine sulfinic acid $H_2NC(NH)SO(OH)$ (Ref. 5). 0.2 g of formamidine sulfinic acid in 0.25 N sulfuric acid at boiling-point reduces approximately 200 mg of uranyl ions. Table 1 summarizes the results of determining uranium in solutions of its salts in the presence of foreign substances. The gravimetrically and the complexonometrically obtained data are compared in Table 2. The suggested method permits accurate and sufficiently reproducible determination of uranium in its oxides, salts, alloys with aluminum, silicon, iron, and beryllium, as well as in aqueous and tributyl phosphate solution.

Al^{3+}, Ni^{2+}, Co^{2+}, Zn^{2+}, Cd^{2+}, Mg^{2+}, Mn^{2+}, Cr^{3+}, Be^{2+}, La^{3+}, and Ce^{3+} in quantities comparable with uranium content, as well as up to 30 mg of tartaric acid, up to 35 mg of citric acid, up to 2 g of sodium sulfate, up to 1 g of sodium nitrite, and up to 100 mg of hydrazine- or hydroxylamine sulfate do not interfere in the determination of 2 - 115 mg of uranium. Th^{4+}, Sc^{3+}, In^{3+}, Zr^{4+}, Hf^{4+}, PO_4^{3-}, F^-, and $C_2O_4^{2-}$ interfere.

The authors thank V. A. Golovnya and G. T. Bolotova for supplying data

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Complexonometric Determination of Tetravalent Uranium Using Arsenazo I as Indicator

S/075/61/016/001/018/019
B013/B055

on the properties of formamidine sulfinic acid and on the experimental conditions of uranium reduction. There are 2 tables and 8 references; 3 Soviet, 1 Swiss, 1 German, and 2 US.

SUBMITTED: January 15, 1960

Card 3/3

KLYGIN, A.Ye.; KOLYADA, N.S.; ZAVRAZHNOVA, D.M.

Reaction of pentavalent molybdenum with (ethylenediamino) tetraacetic acid. Zhur. anal. khim. 16 no. 4:442-447 Jl-Ag '61. (MIRA 14:7)
(Molybdenum) (Acetic acid)

S/032/61/027/001/004/037
B017/B054

AUTHORS: Klygin, A. Ye. and Kolyada, N. S.

TITLE: Complexometric Method of Determining Zirconium With Xylenol Orange as Indicator

PERIODICAL: Zavodskaya laboratoriya, 1961, Vol. 27, No. 1, pp. 23-24

TEXT: The titration of zirconium with Complexon using xylenol orange as indicator is very accurate. A 0.25 molar sulfuric acid solution is the optimum. A figure shows the optimum density of the zirconium complex with xylenol orange as dependent on the sulfuric acid concentration. Excess Na_2SO_4 favors a rapid color change in the point of equivalence. The authors give the accurate course of zirconium determination in alloys. The zirconium alloy is decomposed either by concentrated hydrochloric acid in the presence of H_2O_2 or by sodium bisulfate at 600-800°C. An aliquot part (2-20 mg of zirconium) is mixed in a 250 ml flask with 50 ml of 1 N sulfuric acid and subsequently with 1.5 g of sodium sulfate and 80 ml of water, and the sample is boiled. 1 ml of 0.05% xylenol orange solution is

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added to the hot solution, and titration is conducted with a $2 \cdot 10^{-2}$ molar Trilon B solution until the cherry-red color turns to yellow. Table 1 shows the results of determination of zirconium in solutions prepared from zirconium salt in the presence of uranium, aluminum, and iron. The method permits a determination of 1.5 - 20 mg of zirconium in the presence of 200 mg of uranium, 200 mg of aluminum, and 5 mg of iron. The zirconium determination is not disturbed by the following cations: Fe, In, Sc, Th, Y, Ni, Co, Al, La, Ce, Zn, Cd, Mn, Mg. The ions PO_4^{3-}, $C_2O_4^{2-}$, F', and Bi^{3+} disturb. There are 1 figure, 2 tables, and 3 references: 1 Soviet, 1 US, and 1 Czechoslovakian.

VOL'FOVSKAYA, R.N., kand.med.nauk; OSIPOV, Yu.A., kand.med.nauk; KOLYADA, T.V.; KULIKOVSKAYA, Ye.L.; ASANOVA, T.P.; SHCHEGLOVA, A.V., kand.med.nauk

Combined effect of a high-frequency field and X-rays under industrial conditions. Gig. i san. 26 no.5:18-23 My '61. (MIRA 15:4)

1. Iz Leningradskogo instituta gigiyeny truda i professional'nykh zabolevaniy.
(ELECTRICITY--PHYSIOLOGICAL EFFECT) (X RAYS--PHYSIOLOGICAL EFFECT)
(ELECTRONIC INDUSTRIES--HYGIENIC ASPECTS)

KOLYADA, V., inzh.

Construction supply center beyond the Arctic Circle. Na stroi. Ros. 3 no.10:17 O '62. (MIRA 16:6)

(Russia, Northern--Building materials industry)

KOLYADA, V.F.

Two-stroke diaphragm pump with a pneumatic drive for pumping paints and enamels. Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch.i tekh.inform. 17 no.7:22-24 Jl '64. (MIRA 17:10)

L 6468-66 EWT(m)/EPF(c)/ETC/EPF(n)-2/EWG(m) WW/DM

ACCESSION NR: AP5019818 UR/0089/65/019/001/0074/0075

621.039.55:536.629

AUTHOR: Karasev, V. S.; Kolyada, V. M.

TITLE: Calorimetric determination of absorbed dose of reactor ionizing radiation by the method of compensation of the heat release in the investigated sample

SOURCE: Atomnaya energiya, v. 19, no. 1, 1965, 74-75

TOPIC TAGS: ionizing radiation, nuclear reactor characteristic, radiation dosimetry, calorimetry/ VVR M, RFT

ABSTRACT: The authors point out that earlier calorimetric methods could not be used in high intensity water-moderated water-cooled reactors (such as VVR-M) because of the excessive heat released in the samples. The method proposed makes possible high-accuracy measurements of high power absorbed doses without involving the thermophysical constants of the substances. It is based on compensating electrically for the heat released in the investigated sample. A diagram of the calorimeter is shown in Fig. 1 of the Enclosure. In the absence of the sample, the energy of the ionizing radiation is equal to the electric power of the calorimeter heating if the calorimeter surface temperature is the same with and without the sample. The average experimental accuracy of the calorimeter at operating temperatures was 0.18 mv/watt. The accuracy claimed for this method is

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ACCESSION NR: AP5019818

3--5%. Tests on samples of lead, tin, and steel yielded for the absorbed dose power at 10 MW reactor rating values 0.665, 0.509, and 0.425 Mrad/sec, respectively. Comparison with earlier data on the RFT (physical and technical research) reactor (N. F. Pravdyuk et al., Atomnaya energiya v. 9, 380, 1960) shows that the total absorption dose in the VVR-M reactor is much higher than in the RFT reactor at the same neutron flux, owing to the presence of neutron-absorbing graphite blocks in the RFT reactor. Orig. art. has: 1 figure and 2 tables.

ASSOCIATION: none

SUBMITTED: 15Jul64 ENCL: 01 SUB CODE: NP

NR REF SOV: 000 OTHER: 000

Card 2/3

L 6468-66
ACCESSION NR: AP5019818

ENCLOSURE: 01

0

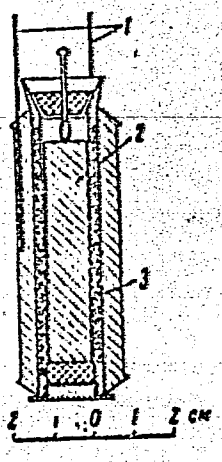

Fig. 1. Diagram of calorimeter

1 - Thermocouples,
2 - sample,
3 - heater.

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L 28388-66 EWT(m)

ACC NR: AP6001797 SOURCE CODE: UR/0089/65/019/006/0532/0532

AUTHOR: Kolyada, V. M.; Karasev, V. S. 39 B

ORG: None

TITLE: Calorimetric dosimetry of gamma radiations 19 from nuclear reactor

SOURCE: Atomnaya energiya, v. 19, no. 6, 1965, 532

TOPIC TAGS: nuclear reactor, gamma detection, radiation dosimetry, calorimetry

ABSTRACT: An abbreviated version of the original paper is presented dealing with the application of calorimetric method to measurements of gamma-ray doses. The study was related to the doses absorbed by various samples made of heavy materials such as lead, tin and tungsten. The energy spectrum of gamma radiations from a 10 Mw reactor of VVR-M type was measured in the energy range of 0 to 1.5 Mev and graphically illustrated. The mass absorption coefficient was then calculated and plotted against atomic numbers (from 5 to 85). This method permitted determination of the absorbed gamma-ray doses with a precision lower than 10%. Orig. art. has: 2 diagrams.

SUB CODE: 18 / SUBM DATE: 29July65 / ORIG REF: 000 / OTH REF: 000

Card 1/1 CC UDC: 536.629

ACC NR: AP6034100 SOURCE CODE: UR/0089/66/021/004/0294/0294

AUTHOR: Kolyada, V. M.; Karasev, V. S.

ORG: none

TITLE: Calorimetric dosimetry in a nuclear reactor

SOURCE: Atomnaya energiya, v. 21, no. 4, 1966, 294

TOPIC TAGS: nuclear radiation, thermal radiation detector, calorimetry, radiation dosimetry, nuclear reactor technology

ABSTRACT: This is a summary of article No. 108/3687, submitted to the editor and filed, but not published in full. The authors point out the limitations of the use of ionization, chemical scintillation, and other dosimetry methods for intense radiation fluxes, and the advantages inherent in recently developed calorimetric means. They therefore review briefly methods and instruments for calorimetric dosimetry. These methods are subdivided, depending on the method of determining the absorbed energy, into three groups - adiabatic, kinetic, and isothermal. An attempt is made to compare the described calorimetric methods and instruments, to disclose their advantages and disadvantages, and to determine their field of application. The materials in the paper will help scientific-technical workers engaged in reactor research to estimate the possibility of calorimetric instruments for use or for their further perfection.

SUB CODE: 18/ SUBM DATE: 15Apr66

Card 1/1 UDC: 614.8: 539.12.08: 621.039.5

YOLYAM, Ye. F.

"The Problem of the Treatment of Serologically Resistant Syphilis with Organic Preparations of Phosphorous."

Vestnik vereorologii i dermatologii (Bulletin of Venerology Dermatology), No 1, January-February 1954, (biomper), Moscow.

KOLYADENKO, G.; PASHCHENKO, I.; BELOGUB, L.; SYCHEV, M., red.; PODOROZHNAYA, V., tekhn. red.

[Lugansk Province; reference-guide book on the noteworthy places of Lugansk Province] Luganshchina; spravochnik-putevoditel' po znamenatel'nym mestam Luganskoi oblasti. Lugansk, Luganskoe oblastnoe izd-vo, 1960. 163 p. (MIRA 14:11)

(Lugansk Province—Guidebooks)

BOSIY, M.K. [Bosyi, M.K.]; DRAGUN, G.D. [Drahun, H.D.]; KOVTUN, A.P.; KOLYADENKO, G.I. [Koliadenko, H.I.]; DAVIDENKO, I.M. [Davydenko, I.M.] MAKARUK, G.I. [Makaruk, H.I.]

Studying the consecutive inhibition of a single and summed effect of differentiated inhibition in dogs by the conditioned reflex method. Report No.4. Nauk.zap. ChDPI 8:27-39 '56. (MIRA 11:2)
(INHIBITION) (CONDITIONED RESPONSE)

KOLYADENKO, G.I.

BOSIY, M.K. [Bosyi, M.K.]; KOLYADENKO, G.I. [Koliadenko, H.I.]; MAKARUK, G.I. [Makaruk, H.I.]; DAVIDENKO, I.M. [Davydenko, I.M.]

Studying the aftereffect of conditioned inhibition by the conditioned reflex method. Nauk. zap. ChDPI 8:93-104 '56. (MIRA 11:2)
(INHIBITION) (CONDITIONED RESPONSE)

KOLYADENKO, G. I.

USSR/Human and Animal Physiology. Nervous System. T
Higher Nervous System. Behavior.

Abs Jour: Ref Zhur-Biol., No 20, 1958, 93659.

Author : Dosyy, M.K., Kolyadenko, G.I.
Inst : Cherkask State Pedagogical Institute.
Title : Change in After-Effects with Protracted Application of Inhibitory Stimuli.

Orig Pub: Nauk. zap. Cherkas'k. deszh. ped. in-t, 1957, 11, 319-325.

Abstract: The protracted (15 min) effect of differentiations in dogs called forth a deepening of inhibition of the cortex and a continuous systematic inhibition or a release of traces of inhibitory stimuli (phase character of successive inhibition). In further experiments

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